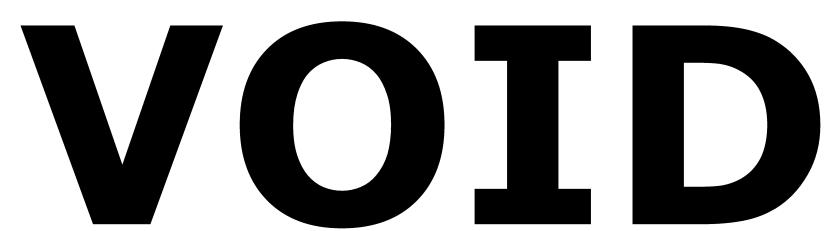
8/8/2013	Thu Aug 08 18:11:46 2013		m:\221975\221975EGNO1.dgn	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
clovelace		\\gdot-dsn \gocfg\resources\Gdot-20 2,tb		GA	STP00-0066-01(029)	235	296

## STREAM BUFFER ENCROACHMENT

Stream Buffers are impacted by this project.

The Contractor is not authorized to enter in to stream buffers, except as described in the table below:



	LOCATION OF E WATERS **	BUFFERED STRE	AMS AND STATE				
STREAM NAME OR NUMBER	STREAM ALIGNMENT	BEGIN STATION (LEFT OR RIGHT)	END STATION (LEFT OR RIGHT)	STREAM TYPE (WARM OR COLD WATER)	BUFFER IMPACTED (YES OR NO)	BUFFER VARIANCE REQUIRED?	DESCRIBE THE ALLOWABLE ACTIVITES AND/OR RESTRICTIONS WITHIN THE BUFFER AND APPROXIMATE LOCATION OF IMPACTS.
EPHEMERAL #5	S.R. 841	68+70.00 LT	71+00.00 RT	WARM	YES	NO	This watercourse is a designated state water and SR 841 crosses the buffer perpendicularly. Construction activities should be limited to the construction of roadway limits.
SUGAR CREEK	S.R. 841	83+42.00 LT	83+54.00 RT	WARM	YES	NO	This watercourse is designated as a state water and SR 841 crosses the buffer perpendicularly. Construction activities should be limited to construction of roadway limits.
OPEN WATER #2	S.R. 841	38+72.06 LT	40+70.80 RT	WARM	YES	NO	This watercourse is designated state water and SR 841 crosses the buffer perpendicularly. Construction activities should be limited to the consstruction of roadway limits.
ESA STREAM #1A	ROZAR- GOOLSBY	19+45.00 LT	19+02.14 RT	WARM	YES	NO	This watercourse is a designated state water and Rozar Connector crosses the buffer perpendicularly. Construction activities should be limited to the construction of roadway limits.

Unless noted otherwise, utility companies will be submitting the required permits/variances in conjunction with the impacts caused by their activities. If utility impacts are covered by the Department's stream buffer variance, this shall be noted in the buffer-variance-required column.

## READY MIX CHUTE WASH-DOWN

The washing of ready mix concrete drums and dump truck bodies used in the delivery of Portland cement concrete is prohibited on this site.

In accordance with Standard Specification 107: Legal Regulations and Responsibility to the Public, only the discharge "chute" utilized in Portland cement concrete delivery may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25 feet from any storm drain and outside of the travel way, including shoulders, for a wash/pit area the pit shall be large enough to store all wash-down water without overtopping the pit. Immediately after the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in, and the ground shall be graded to match the elevation of the surrounding areas smoothed out. Alternate wash down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down pit that includes the following:

(1) a location away from any storm drain, stream or river, (2) access to the vehicle being used for wash down, (3) sufficient volume for wash-down water, and (4) permission to use the area for wash-down.

On some sites, where permission or access to excavate a wash-down pit is unavailable, the Contractor may have to wash-down into a sealable 55-gallon drum or other suitable container and then transport the container to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down."

	REVISION DATE	STATE OF GEORGIA
GEORGIA		DEPARTMENT OF TRANSPORTATION  OFFICE: ROADWAY DESIGN
DEPARTMENT OF		ESPC GENERAL NOTES
TRANSPORTATION		STREAM BUFFERS 51-00

<sup>\*</sup> Warm water streams have a 25-foot minimum buffer as measured from the wrested vegetation. Cold Water streams have a 50-foot buffer as measured from the wrested vegetation.

<sup>\*\*</sup> Locations are approximate, a detailed location of stream buffers and authorized work areas are shown on the individual BMP sheets.